

APPENDIX A

EXCEPTIONAL EVENT INITIAL NOTIFICATION

EE Initial Notification Summary Information

Submitting Agency: Clark County Department of Environment and Sustainability

Agency Contact: Mike Sword, Planning Manager

Date Submitted: November 30, 2020

Applicable NAAQS: 2015 8-hour Ozone

Affected Regulatory Decision¹: Attainment status

Area Name/Designation Status: Las Vegas Valley Nonattainment Area

Design Value Period: 2018-2020

A) Information specific to each flagged site day that may be submitted to EPA in support of the affected regulatory decision listed above

Date of Event	Type of Event	AQS Flag	Site AQS ID	Site Name	Exceedance Concentration (ppb)	Notes (e.g. event name, links to other events)
06/19/2018	Wildfire	RT	32-003-0298	Green Valley	77	Transport of smoke from Planada Fire (CA) and Upper Colony Fire (NV) to Clark County. Green Valley and Jerome Mack recorded fourth highest 8-hour average O3 in 2018.
		RT	32-003-0043	Paul Meyer	72	
		RT	32-003-0071	Walter Johnson	72	
06/20/2018	Wildfire	RT	32-003-0075	Joe Neal	72	This exceedance correlated with the June 19 event and was impacted by Planada Fire (CA) and Upper Colony Fire (NV).
		RT	32-003-0043	Paul Meyer	71	
		RT	32-003-0071	Walter Johnson	74	
06/23/2018	Wildfire	RT	32-003-0298	Green Valley	75	Transport of smoke from Jack Knife Fire (OR), Boxcar Fire (OR), Graham Fire (OR), Lions Fire (CA) and some additional fires in northern California. Walter Johnson recorded the fourth highest 8-hour average O3 in 2018
		RT	32-003-0075	Joe Neal	72	
		RT	32-003-0043	Paul Meyer	72	
		RT	32-003-0071	Walter Johnson	76	
06/27/2018	Wildfire	RT	32-003-0298	Green Valley	78	Transport of smoke from Lions Fires, Pawnee Fire and Lane Fire in California, and some ongoing large fires in Oregon and Mexico. Green Valley recorded the highest 8-hour average O3 in 2018.
		RT	32-003-0075	Joe Neal	72	
		RT	32-003-0043	Paul Meyer	75	
		RT	32-003-0071	Walter Johnson	76	
07/14/2018	Wildfire	RT	32-003-0298	Green Valley	78	Transport of smoke from Ferguson Fire (CA), Georges Fire (CA), Valley Fire (CA), Mohave Fire (CA), Mexico fires, and West Valley Fire (UT). Green Valley recorded the third highest 8-hour average O3 in 2018.
		RT	32-003-0043	Paul Meyer	72	

Exceptional Event Demonstration, Appendix A: Initial Notification

07/15/2018	Wildfire	RT	32-003-0298	Green Valley	73	This exceedance correlated with the July 14 event. Joe Neal recorded the second highest 8-hour average O3 in 2018.
RT		32-003-0075	Joe Neal	78		
RT		32-003-0071	Walter Johnson	71		
07/16/2018	Wildfire	RT	32-003-0298	Green Valley	71	This exceedance correlated with the July 14 event. Walter Johnson recorded the highest 8-hour average O3 in 2018.
RT		32-003-0075	Joe Neal	80		
RT		32-003-0043	Paul Meyer	75		
RT		32-003-0071	Walter Johnson	79		
07/17/2018	Wildfire	RT	32-003-0043	Paul Meyer	74	This exceedance correlated with the July 14 event. Walter Johnson recorded the third highest 8-hour average O3 in 2018.
RT		32-003-0071	Walter Johnson	77		
07/25/2018	Wildfire	RT	32-003-0298	Green Valley	72	Regional smoke created by Ferguson Fire, Georges Fire, Lions Fire, and Cranston Fire in California, and additional fires in Mexico.
RT		32-003-0043	Paul Meyer	71		
RT		32-003-0071	Walter Johnson	72		
07/26/2018	Wildfire	RT	32-003-0298	Green Valley	77	This exceedance correlated with the July 25 event.
RT		32-003-0043	Paul Meyer	72		
RT		32-003-0071	Walter Johnson	75		
07/27/2018	Wildfire	RT	32-003-0075	Joe Neal	76	This exceedance correlated with the July 25 event. Joe Neal recorded the fourth highest 8-hour average O3 in 2018.
RT		32-003-0043	Paul Meyer	72		
RT		32-003-0071	Walter Johnson	74		
07/30/2018	Wildfire	RT	32-003-0298	Green Valley	73	Regional smoke created by Carr Fire, Mendocino Complex Fire, Whaleback Fire, Ferguson Fire, Lions Fire, Georges Fire, and Cranston Fire in California.
07/31/2018	Wildfire	RT	32-003-0075	Joe Neal	73	This exceedance correlated with the July 30 event.
RT		32-003-0071	Walter Johnson	73		
08/06/2018	Wildfire	RT	32-003-0298	Green Valley	74	Regional smoke created by ongoing Carr Fire, Mendocino Complex Fire, Ferguson Fire, Lions Fire and additional new fire, Donnell Fire. Paul Meyer and Walter Johnson recorded the first and second highest 8-hour average O3 in 2018, respectively.
RT		32-003-0075	Joe Neal	76		
RT		32-003-0043	Paul Meyer	79		
RT		32-003-0071	Walter Johnson	77		

Exceptional Event Demonstration, Appendix A: Initial Notification

08/07/2018	Wildfire	RT	32-003-0298	Green Valley	72	This exceedance correlated with the August 6 event.
		RT	32-003-0075	Joe Neal	74	
		RT	32-003-0043	Paul Meyer	73	
		RT	32-003-0071	Walter Johnson	74	
05/06/2020	Stratospheric Intrusion	RO	32-003-0298	Green Valley	72	An upper-level, ozone-rich air mass was observed to the west of Clark County in the days leading up to this event. Descending transport was observed between the upper-level air mass and monitoring sites in Clark County.
		RO	32-003-0075	Joe Neal	76	
		RO	32-003-0043	Paul Meyer	77	
		RO	32-003-0071	Walter Johnson	78	
05/09/2020	Stratospheric Intrusion	RT	32-003-0043	Paul Meyer	74	An upper-level, ozone-rich air mass was observed to the southwest of Clark County in the days leading up to this event. Transport was observed between the upper-level air mass and monitoring sites in Clark County.
		RT	32-003-0071	Walter Johnson	71	
05/28/2020	Stratospheric Intrusion	RO	32-003-0043	Paul Meyer	76	An upper-level, ozone-rich air mass was observed over Clark County and to the south of Clark county in the days leading up to and on the day of this event. A large mixing layer and descending transport was observed from the upper-level air mass to monitoring sites in Clark County.
		RO	32-003-0071	Walter Johnson	71	
06/22/2020	Wildfire	RT	32-003-0075	Joe Neal	78	The Ivanpah Fire was observed in the Mojave National Preserve on the day of this event with a smoke plume intersecting Clark County. Other regional fires that are likely to have been influential during this event: Grade Fire (CA), Magnum Fire (AZ), Bush Fire (AZ), and Bighorn Fire (AZ).
		RT	32-003-0043	Paul Meyer	74	
		RT	32-003-0071	Walter Johnson	73	
06/26/2020	Wildfire	RT	32-003-0043	Paul Meyer	73	Transport from the Rock Path Fire (UT), Twin Fire (NV), and Miller Fire (NV) are seen during this event. The Thermal Mulch Fire (CA) may also have played a role in this event.
08/03/2020	Wildfire	RT	32-003-0298	Green Valley	72	Direct transport of smoke from the Apple Fire in southern California was seen during this event.
		RT	32-003-0075	Joe Neal	81	
		RT	32-003-0043	Paul Meyer	78	
		RT	32-003-0071	Walter Johnson	82	
08/07/2020	Wildfire	RT	32-003-0075	Joe Neal	72	Direct transport of smoke from the Apple Fire in southern California was seen during this event.
		RT	32-003-0071	Walter Johnson	71	

Exceptional Event Demonstration, Appendix A: Initial Notification

8/18/2020	Wildfire	RT	32-003-0075	Joe Neal	78	Regional smoke created by large fire complexes in CA influenced the 8/18-8/21/2020 events in Clark County (Red Salmon Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, Dome Fire). Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).
		RT	32-003-0043	Paul Meyer	79	
		RT	32-003-0071	Walter Johnson	82	
08/19/2020	Wildfire	RT	32-003-0298	Green Valley	71	Regional smoke created by large fire complexes in CA influenced the 8/18-8/21/2020 events in Clark County (Red Salmon Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, Dome Fire). Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).
		RT	32-003-0075	Joe Neal	73	
		RT	32-003-0043	Paul Meyer	74	
		RT	32-003-0071	Walter Johnson	74	
08/20/2020	Wildfire	RT	32-003-0075	Joe Neal	71	Regional smoke created by large fire complexes in CA influenced the 8/18-8/21/2020 events in Clark County (Red Salmon Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, Dome Fire). Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).
08/21/2020	Wildfire	RT	32-003-0043	Paul Meyer	71	Regional smoke created by large fire complexes in CA influenced the 8/18-8/21/2020 events in Clark County (Red Salmon Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, Dome Fire). Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).
09/02/2020	Wildfire	RT	32-003-0043	Paul Meyer	73	Smoke created by the Evans Canyon Fire (WA), White River Fire (OR), and Lionshead Fire (OR) was transported to the Clark County area resulting in this event. Other fires in CA that are likely to have contributed to this event: Slink Fire, SQF Lightning Complex, Dolan Fire, North Complex, SCU Lightning Complex, August Complex, and Red Salmon Complex.
		RT	32-003-0071	Walter Johnson	75	

09/26/2020	Wildfire	RT	32-003-0075	Joe Neal	75	Large fire complexes in CA led to regional smoke affecting Clark County during this event: Red Salmon Complex, August Complex, North Complex, SQF Lightning Complex, Blue Jay/Wolf Fires, Creek Fire, Bobcat Fire, El Dorado Fire, and (possibly) the Slater/Devil Fires.
		RT	32-003-0071	Walter Johnson	71	

B) Violating Sites Information

(Listing of all violating sites in the planning area, regardless of operating agency, and regardless of whether or not they are impacted by EEs)

Site/monitor (AQS ID and POC)	Design Value (without EPA concurrence on any of the events listed in table A above) (ppb)	Design Value (with EPA concurrence on all events listed in table A above) (ppb)
Green Valley (32-003-0298, POC: 1)	72 (2020 preliminary)	70
Joe Neal (32-003-0075, POC: 1)	74 (2020 preliminary)	69
Paul Meyer (32-003-0043, POC: 1)	73 (2020 preliminary)	70
Walter Johnson (32-003-0071, POC: 1)	73 (2020 preliminary)	70

C) Summary of Maximum Design Value (DV) Site Information (Effect of EPA Concurrence on Maximum Design Value Site Determination)

(Two highest values from Table B)

Maximum DV site (AQS ID) without EPA concurrence on any of the events listed in table A above	Design Value	Design Value Site	Comment
	74	Joe Neal (32-003-0075, POC: 1)	
Maximum DV site (AQS ID) with EPA concurrence on all events listed in table A above	Design Value	Design Value Site	Comment
	70	Green Valley (32-003-0298, POC: 1) Paul Meyer (32-003-0043, POC: 1) Walter Johnson (32-003-0071, POC: 1)	Maximum DV at all 3 sites is same

D) List of any sites (AQS ID) within planning area with invalid design values (e.g., due to data incompleteness)

The Department of Environment and Sustainability does not anticipate any sites having invalid design values for the 2018-2020 design value period; however, final data for 2020 is still being collected and pending year-end submission.

APPENDIX B

PUBLIC NOTIFICATION

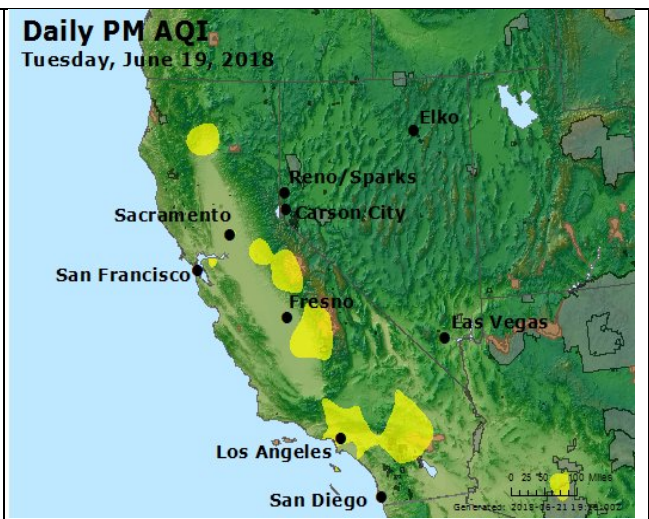
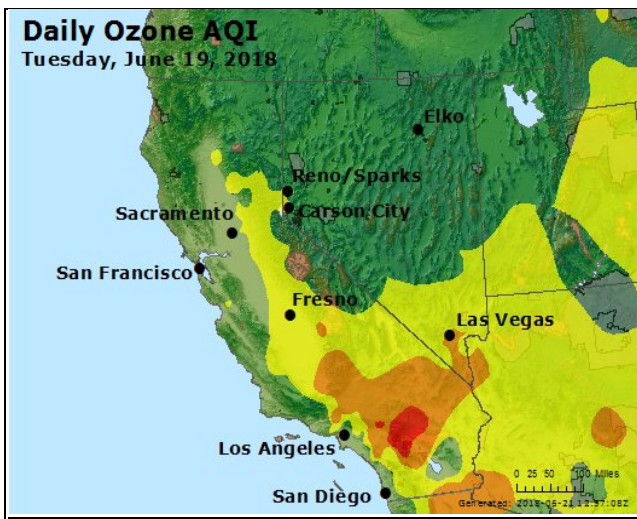
Real-time air quality data, Air Quality Index (AQI) maps, daily air quality forecasts, and event notifications are available on the DES website (<https://clarkcountynvairquality.meteostar.com/>). Air quality forecasts and current data are also available through EPA's AirNow and EnviroFlash systems. DES issues air quality advisories and alerts to warn the public and regulated community if unhealthy levels of a regulated pollutant are anticipated and to provide recommendations on reducing exposure and emissions. Advisories are issued when forecast conditions are favorable for pollutant levels to exceed the NAAQS, i.e., to reach the Unhealthy for Sensitive Groups (USG) level on the AQI, or when public health and safety might be in danger. Alerts are issued when air quality levels have already reached the AQI USG level or are expected to reach that level.

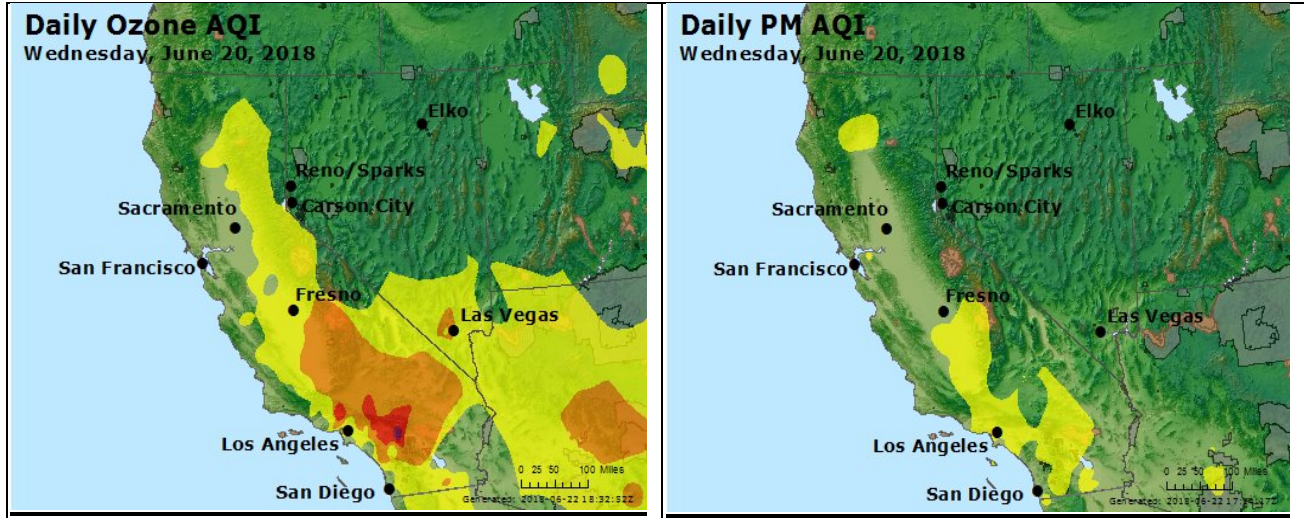
aqi for June 19-20, 2018

Reporting for June 19, 2018																	
Air Quality Index																	
Metropolitan Area or Non-Metropolitan County	Air Quality Rating	Critical Pollutant	Ozone		Carbon Monoxide		Sulfur Dioxide		Nitrogen Dioxide		PM-10 (Std Cond)	PM-2.5 (Lcl Acpt)	PM-2.5 (Lcl Cond)				
			1-Hour	8-Hour	8-Hour		1-Hour	1-Hour	24-Hour	24-Hour	24-Hour						
			AQI	ppb	AQI	ppb	AQI	ppm	AQI	ppb	AQI	ppb	AQI	µg/m ³ (25° C)	AQI	µg/m ³ LC	AQI
Clark County -- Region 1																	
Apex	Moderate	Ozone	*	76	97	69											
Boulder City	Moderate	Ozone	*	73	97	69					17	18.09					
Greater Las Vegas	Unhealthy for sensitive groups	Ozone	*	85	122	77	4	0.347	1	0.6	46	48.3	26	28.09		32	7.93
Indian Springs	Moderate	Ozone	*	58	54	56											
Jean	Moderate	Ozone	*	75	97	69							15	15.73		15	3.84
Mesquite	Moderate	Ozone	*	59	51	55											
Monitoring Sites in the Greater Las Vegas Metro Area																	
Monitoring Sites in the Greater Las Vegas Metro Area	Air Quality Rating	Critical Pollutant	Ozone		Carbon Monoxide		Sulfur Dioxide		Nitrogen Dioxide		PM-10 (Std Cond)	PM-2.5 (Lcl Acpt)	PM-2.5 (Lcl Cond)				
			1-Hour	8-Hour	8-Hour		1-Hour	1-Hour	24-Hour	24-Hour	24-Hour						
			AQI	ppb	AQI	ppb	AQI	ppm	AQI	ppb	AQI	ppb	AQI	µg/m ³ (25° C)	AQI	µg/m ³ LC	AQI
Clark County	Unhealthy for sensitive groups	Ozone	*	85	122	77	4	0.347	1	0.6	46	48.3	26	28.09		32	7.93
Casino Center	Good	Nitrogen Dioxide								46	48.3						
Green Valley	Unhealthy for sensitive groups	Ozone	*	82	122	77					20	21.25				21	5.09
Jerome Mack	Unhealthy for sensitive groups	Ozone	*	85	115	75			1	0.6	39	41.5				32	7.93
Joe Neal	Moderate	Ozone	*	70	87	66					14	15.2	21	22.67		19	4.68
Palo Verde	Moderate	Ozone	*	73	87	66					20	22.05					
Paul Meyer	Unhealthy for sensitive groups	Ozone	*	78	104	72					21	22.31				21	5.23
Rancho & Teddy	Good	Nitrogen Dioxide					4	0.347			42	44.4				24	6.00
Sunrise Acres	Good	Nitrogen Dioxide					4	0.320			40	42.2	26	28.09		24	6.04
Walter Johnson	Unhealthy for sensitive groups	Ozone	*	78	104	72					21	22.65					

Reporting for June 20, 2018																		
Metropolitan Area or Non-Metropolitan County	Air Quality Rating	Critical Pollutant	Air Quality Index															
			Ozone				Carbon Monoxide		Sulfur Dioxide		Nitrogen Dioxide		PM-10 (Std Cond)		PM-2.5 (Lcl Acpt)		PM-2.5 (Lcl Cond)	
			1-Hour		8-Hour		8-Hour		1-Hour		1-Hour		24-Hour		24-Hour		24-Hour	
			AQI	ppb	AQI	ppb	AQI	ppm	AQI	ppb	AQI	ppb	AQI	µg/m ³ (25° C)	AQI	µg/m ³ LC	AQI	µg/m ³ LC
Clark County -- Region 1																		
Apex	Moderate	Ozone	*	69	64	59												
Boulder City	Moderate	Ozone	*	60	54	56						15	15.78					
Greater Las Vegas	Unhealthy for sensitive groups	Ozone	*	84	112	74	6	0.489	1	0.5	49	52.1	27	29.38			32	7.91
Indian Springs	Good	Ozone	*	73	50	54												
Jean	↑		*	67		‡							§§					§§
Mesquite	Good	Ozone	*	57	48	52												
Monitoring Sites in the Greater Las Vegas Metro Area																		
Monitoring Sites in the Greater Las Vegas Metro Area	Air Quality Rating	Critical Pollutant	Air Quality Index															
			Ozone				Carbon Monoxide		Sulfur Dioxide		Nitrogen Dioxide		PM-10 (Std Cond)		PM-2.5 (Lcl Acpt)		PM-2.5 (Lcl Cond)	
			1-Hour		8-Hour		8-Hour		1-Hour		1-Hour		24-Hour		24-Hour		24-Hour	
			AQI	ppb	AQI	ppb	AQI	ppm	AQI	ppb	AQI	ppb	AQI	µg/m ³ (25° C)	AQI	µg/m ³ LC	AQI	µg/m ³ LC
Clark County	Unhealthy for sensitive groups	Ozone	*	84	112	74	6	0.489	1	0.5	49	52.1	27	29.38			32	7.91
Casino Center	Good	Nitrogen Dioxide								49	52.1							
Green Valley	Moderate	Ozone	*	76	90	67						16	17.16			17	4.31	
Jerome Mack	Moderate	Ozone	*	77	84	65			1	0.5	42	44.3					32	7.91
Joe Neal	Unhealthy for sensitive groups	Ozone	*	84	104	72					21	22.6	23	25.26			20	4.90
Palo Verde	Moderate	Ozone	*	78	97	69							19	20.34				
Paul Meyer	Unhealthy for sensitive groups	Ozone	*	76	101	71							20	21.23			20	4.92
Rancho & Teddy	Good	Nitrogen Dioxide				0	NV			45	47.6							§§
Sunrise Acres	Good	Nitrogen Dioxide				6	0.489			47	50.3	27	29.38				26	6.41
Walter Johnson	Unhealthy for sensitive groups	Ozone	*	83	112	74							17	18.07				

AQI map for June 19–20, 2018





Air Quality Forecast

AIR QUALITY FORECAST
Seasonal Ozone Advisory Issued Through Sept. 30

Forecast
(Updated 6/19/2018)

	Ozone	Carbon Monoxide	Dust/Smoke/Soot
Tue (6/19/2018)	Moderate	Good	Good
Wed (6/20/2018)	Moderate	Good	Good
Thu (6/21/2018)	Moderate	Good	Good
Fri (6/22/2018)	Moderate	Good	Good
Sat (6/23/2018)	Moderate	Good	Good

From our Meteorologists:

High pressured building back into area will result in elevated Moderate ozone levels for the period. -- You can follow Clark County air quality conditions and updates on Twitter: @CCAirQuality. --

[More Detailed Monitoring Information](#)
[What is an Air Quality Advisory or Alert?](#)

Other questions or comments?

Paul Fransioli: (702) 455-2656 Paul.Fransioli@ClarkCountyNV.gov

Jose Chaverria: (702) 455-1633 Jose.Chaverria@clarkcountynv.gov

AIR QUALITY FORECAST

Ozone advisory issued for Wednesday, June 20

Forecast

(Updated 6/20/2018)

	Ozone	Carbon Monoxide	Dust/Smoke/Soot
Wed (6/20/2018)	UNH-SG	Good	Good
Thu (6/21/2018)	Moderate	Good	Good
Fri (6/22/2018)	Moderate	Good	Good
Sat (6/23/2018)	Moderate	Good	Good
Sun (6/24/2018)	Moderate	Good	Good

From our Meteorologists:

High pressure and light winds will produce a second day of ozone levels exceeding the Standard. Stronger southwesterly winds on Thursday from an approaching low pressure system will provide better ventilation, but will also produce localized areas of blowing dust. -- You can follow Clark County air quality conditions and updates on Twitter: @CCAirQuality. --

Air Quality Advisory



News Release

County Commission:
Steve Sisolak, Chairman
Chris Giunchigliani, Vice Chair
Susan Brager
Larry Brown
James B. Gibson
Marilyn Kirkpatrick
Lawrence Weekly

Yolanda King, County Manager

Office of Public Communications • (702) 455-3546 • FAX (702) 455-3558 • www.ClarkCountyNV.gov

Contact: Kevin J MacDonald
Public Information Officer

Phone: (702) 455-6131
Mobile: (702) 232-0931
E-mail: kevmac@ClarkCountyNV.gov

For Immediate Release

Wednesday, Jun. 20, 2018

Air Quality Advisory Issued For Ozone

Clark County's Department of Air Quality (DAQ) has issued an advisory for **Wednesday, Jun. 20**, for potentially elevated levels of ozone due to current weather conditions that contribute to the formation of ground-level ozone in the Las Vegas Valley.

Ground-level ozone is a key ingredient of urban smog during the hottest months of the year. A seasonal advisory is in effect in the Las Vegas Valley from April through September when ozone can build up during daytime hours because of strong sunlight, hot temperatures, gasoline and chemical vapors, and pollutants from automobiles, wildfires and regional transport. Exposure to ozone can irritate your respiratory system and cause coughing, a sore throat, chest pain and shortness of breath even in healthy people, according to the U.S. Environmental Protection Agency. People who may be most sensitive to ozone include individuals with lung disease such as asthma, emphysema or chronic bronchitis, older adults, children, and active people who exercise or work vigorously outdoors. Consult your physician if you have a medical condition that makes you sensitive to air pollution.

County Air Quality officials will continue to monitor conditions and if necessary will post updates on the forecast page of the DAQ website at <http://redrock.clarkcountynv.gov/forecast/>. You can subscribe to free air quality forecasts and advisories via e-mail or text through the EnviroFlash service at www.enviroflash.org. The EPA's Air Quality Index translates air quality data into colors to help people know when they may experience health effects from air pollution. An AQI of 101 or more is considered a level that may be unhealthy for sensitive groups of people. Tips to limit exposure to ozone and reduce its formation at ground level include:

- Reduce the time you are active outdoors when ozone levels are elevated, especially if you are engaged in a strenuous activity or have a respiratory disease.
- Schedule activities for the morning or evening when ozone levels are usually lower.
- Substitute a less intense activity – walk instead of jog, for example.
- Reduce driving – combine errands into one trip.
- Don't idle your car engine unnecessarily.
- Use mass transit or carpool.
- Fill up your gas tank after sunset. Try not to spill gasoline when filling up, and don't top off your tank.
- Keep your car well maintained.
- Consider landscaping that uses less water and gas-powered equipment to maintain.
- Turn off lights and electronics when not in use. Less fuel burned at power plants means cleaner air.

###

Clark County news releases may be found at www.ClarkCountyNV.gov.
You may also follow the County on more than 40 social media sites, including
Facebook, Twitter, Instagram, LinkedIn, Pinterest and YouTube.

News Release

Clark County is a dynamic and innovative organization dedicated to providing top-quality service with integrity, respect and accountability. With jurisdiction over the world-famous Las Vegas Strip and covering an area the size of New Jersey, Clark is the nation's 14th-largest county and provides extensive regional services to more than 2.2 million citizens and 46.2 million visitors a year. Included are the nation's 8th-busiest airport, air quality compliance, social services and the state's largest public hospital, University Medical Center. The County also provides municipal services that are traditionally provided by cities to about 951,000 residents in the unincorporated area. Those include fire protection, roads and other public works, parks and recreation, and planning and development.

Clark County news releases may be found at www.ClarkCountyNV.gov.
You may also follow the County on more than 40 social media sites, including
Facebook, Twitter, Instagram, LinkedIn and YouTube.

APPENDIX C

Documentation of Public Comment Process

June 19-20, 2018 Demonstration

TABLE OF CONTENTS

1.0 30-DAY PUBLIC COMMENT PERIOD1

1.1 Notice of Public Comment.....1

1.2 DES Website Notices.....3

 1.2.1 Declaration of DES Website Posting.....4

1.3 DES Facebook Posting5

1.4 DES Twitter Posting6

1.5 E-Notice7

 1.5.1 E-Notice Distribution List.....8

1.6 Public Comment Report.....9

1.0 30-DAY PUBLIC COMMENT PERIOD

1.1 NOTICE OF PUBLIC COMMENT

NOTICE OF PUBLIC COMMENT PERIOD ON FINAL EXCEPTIONAL EVENT DEMONSTRATIONS

NOTICE IS HEREBY GIVEN of a public comment period on the final exceptional event demonstrations identified below. The Exceptional Events Rule (EER), codified at 40 CFR 50.1, 50.14, and 51.930, allows air agencies to petition the U.S. Environmental Protection Agency (EPA) to exclude air quality monitoring data influenced by exceptional events from applicable regulatory determinations. Between 2018 and 2020, Clark County recorded several exceedances of the 2015 8-hour ozone National Ambient Air Quality Standard (NAAQS) due to impacts from wildfire smoke or stratospheric intrusions. The following table details these exceedances. The Clark County Department of Environment and Sustainability (DES) developed these demonstrations to show that exceedances would not have occurred without wildfire or stratospheric intrusion impacts and requests exclusion of event-related data from use in regulatory determinations in accordance with the EER.

NOTICE IS FURTHER GIVEN that a 30-day public comment period will begin on July 1, 2021, and end at 4:00 PM on August 2, 2021, in accordance with the requirements of 40 CFR 50.14(c)(3)(v). The public may review and provide written comments on these demonstrations during this period. Copies of the demonstrations are available for review on the DES website at: https://www.clarkcountynv.gov/government/departments/environment_and_sustainability/public_communications/public_notices.php and may also be obtained by contacting Araceli Pruettt at (702) 455-3206.

Any written comments must be received by DES at 4701 W. Russell Road, Suite 200, Las Vegas, Nevada 89118, by 4:00 PM on August 2, 2021. Comments should be addressed to Araceli Pruettt at the same mailing address, emailed to araceli.pruett@clarkcountynv.gov, or faxed to (702) 383-9994. All comments will be considered and forwarded to EPA.

Published: June 30, 2021


Marci D. Henson, Director

Final 2018 and 2020 Exceptional Events

Date of Event	Type of Event	Site Name	Exceedance Concentration (ppb)
06/19/2018	Wildfire	Green Valley Paul Meyer Walter Johnson	77 72 72
06/20/2018	Wildfire	Joe Neal Paul Meyer Walter Johnson	72 71 74
05/06/2020	Stratospheric Intrusion	Green Valley Joe Neal Paul Meyer Walter Johnson	72 76 77 78
05/09/2020	Stratospheric Intrusion	Paul Meyer Walter Johnson	74 71
05/28/2020	Stratospheric Intrusion	Paul Meyer Walter Johnson	76 71
06/22/2020	Wildfire	Joe Neal Paul Meyer Walter Johnson	78 74 73
06/26/2020	Wildfire	Paul Meyer	73
09/02/2020	Wildfire	Paul Meyer Walter Johnson	73 75

1.2 DES WEBSITE NOTICES

AIR QUALITY PLANNING NOTICES

▼ Wed., June 30, 2021 - Public Notice for Final 2018 and 2020 Exceptional Event Demonstrations

DES welcomes comments on the final exceptional event demonstrations identified in the table below. Under the Exceptional Events Rule (EER), codified at 40 CFR 50.1, 50.14, and 51.930, air agencies are allowed to petition the U.S. Environmental Protection Agency (EPA) to exclude air quality monitoring data influenced by exceptional events from applicable regulatory determinations. Between 2018 and 2020, Clark County recorded several exceedances of the 2015 8-hour ozone National Ambient Air Quality Standard due to impacts from wildfire smoke or stratospheric intrusions. The purpose of these demonstrations is to show that the exceedances would not have occurred without wildfire or stratospheric intrusion impacts and request exclusion of event-related data from use in regulatory determinations in accordance with the EER. All comments will be considered and forwarded to EPA.

Public Comment Period:

July 1 through August 2, 2021

Submit comments in writing to:

Araceli Pruett, Senior Planner
 Clark County Department of Environment and Sustainability
 4701 West Russell Road, Suite 200
 Las Vegas, NV 89118
 Phone: (702) 455-3206
 Email: araceli.pruett@clarkcountynv.gov

Review Documents

View [Public Notice](#)

Event Dates(s)	Event Type
June 19-20, 2018 Demonstration Appendices	Wildfire
May 6, 2020 Demonstration Appendices	Stratospheric Intrusion
May 9, 2020 Demonstration Appendices	Stratospheric Intrusion
May 28, 2020 Demonstration Appendices	Stratospheric Intrusion
June 22, 2020 Demonstration Appendices	Wildfire
June 26, 2020 Demonstration Appendices	Wildfire
September 2, 2020 Demonstration Appendices	Wildfire

1.2.1 Declaration of DES Website Posting

DECLARATION OF WEBSITE POSTING OF PUBLIC NOTICE

STATE OF NEVADA)
) ss.
COUNTY OF CLARK)

I, Araceli Pruett, declare that I am over 18 years of age and a Senior Planner with the Clark County Department of Environment and Sustainability (DES). I declare that the *Exceptional Event Demonstration for Ozone Exceedances in Clark County, Nevada - June 19 - 20, 2018* was posted on the DES website from June 30 through August 2, 2021. Below is a screenshot of the posting on the DES website at:

https://www.clarkcountynv.gov/government/departments/environment_and_sustainability/public_communications/public_notices.php

The screenshot shows a web page titled "AIR QUALITY COMPLIANCE/ENFORCEMENT NOTICES". Below the title is a list of notices under the heading "ENFORCEMENT NOTICES PRIOR TO JULY 2021". The page then transitions to "AIR QUALITY PERMITTING NOTICES" and "AIR QUALITY PLANNING NOTICES". Under "AIR QUALITY PLANNING NOTICES", two notices are listed. The first notice, "Wed., June 30, 2021 - Public Notice for Final 2018 and 2020 Exceptional Event Demonstrations", is highlighted with an orange border. The second notice is "Wed., May 25, 2021 - Public Notice for Proposed 2015 Ozone NAAQS SIP Revision".

I declare under penalty of perjury that the foregoing is true and correct and that this declaration was executed in Las Vegas, NV, on August 2, 2021.

Araceli Pruett
DES Senior Planner

1.3 DES FACEBOOK POSTING



1.4 DES TWITTER POSTING



1.5 E-NOTICE

Araceli Pruett

From: Araceli Pruett
Sent: Thursday, July 1, 2021 7:59 AM
Subject: NOTICE OF PUBLIC COMMENT PERIOD ON FINAL EXCEPTIONAL EVENT DEMONSTRATIONS

NOTICE IS HEREBY GIVEN of a public comment period on the final exceptional event demonstrations identified below. The Exceptional Events Rule (EER), codified at 40 CFR 50.1, 50.14, and 51.930, allows air agencies to petition the U.S. Environmental Protection Agency (EPA) to exclude air quality monitoring data influenced by exceptional events from applicable regulatory determinations. Between 2018 and 2020, Clark County recorded several exceedances of the 2015 8-hour ozone National Ambient Air Quality Standard (NAAQS) due to impacts from wildfire smoke or stratospheric intrusions. The following table details these exceedances. The Clark County Department of Environment and Sustainability (DES) developed these demonstrations to show that exceedances would not have occurred without wildfire or stratospheric intrusion impacts and requests exclusion of event-related data from use in regulatory determinations in accordance with the EER.

NOTICE IS FURTHER GIVEN that a 30-day public comment period will begin on July 1, 2021, and end at 4:00 PM on August 2, 2021, in accordance with the requirements of 40 CFR 50.14(c)(3)(v). The public may review and provide written comments on these demonstrations during this period. Copies of the demonstrations are available for review on the DES website at: https://www.clarkcountynv.gov/government/departments/environment_and_sustainability/public_communications/public_notices.php and may also be obtained by contacting Araceli Pruett at (702) 455-3206.

Any written comments must be received by DES at 4701 W. Russell Road, Suite 200, Las Vegas, Nevada 89118, by 4:00 PM on August 2, 2021. Comments should be addressed to Araceli Pruett at the same mailing address, emailed to araceli.pruett@clarkcountynv.gov, or faxed to (702) 383-9994. All comments will be considered and forwarded to EPA.

Published: June 30, 2021

1.5.1 E-Notice Distribution List

PLANNING E-NOTICE DISTRIBUTION LIST	
Organization	Contact
Air & Waste Management Association	Paul Fransioli
American Lung Association Nevada	James Martinez
Bureau of Land Management	Lisa Christianson
City of Boulder City	Michael Mays
City of Henderson	Sean Robertson
City of Las Vegas	Marco Velotta
City of Las Vegas	Milagros (Miles) Escuin
City of Las Vegas	Robert Summerfield
City of North Las Vegas	Alfredo Melesio
City of North Las Vegas	Johanna Murphy
Clark County	Daniel Kezar
Clark County	Mario Bermudez
Clark County School District	Chris Dingell
Clark County School District	Dimitrios Karapanagiotis
Las Vegas Valley Water District	Brian Bowler
Nellis Air Force Base	Shimi Mathew
Nevada Department of Environmental Protection	Sheryl Fontaine
Nevada Department of Environmental Protection	Sig Jaunarajs
Nevada Resort Association	Sabrina Santiago
Nevada Resort Association	Virginia Valentine
Regional Flood Control	Steve Parrish
Regional Transportation Commission	Beth Xie
Regional Transportation Commission	Craig Raborn
Sierra Club Toiyabe Chapter	Brian Beffort
Southern Nevada Health District	Nicole Bungum
Southern Nevada Off Road Enthusiasts	Ken Thatcher
Southern Nevada Water Authority	Ayoub Ayoub
Southern Nevada Water Authority	Keiba Crear
Southern Nevada Water Authority	Thomas Maher
Southern Nevada Home Builders	Amanda Moss
Southern Nevada Home Builders	Nat Hodgson
The Nature Conservancy	Jaina Moan
University of Nevada Las Vegas	Dave James, PhD.
Washoe County Health District	Francisco Vega
Washoe County Health District	Daniel Inouye

1.6 PUBLIC COMMENT REPORT

Public Notice: DES Website: June 30 through August 2, 2021

Public Comment Period July 1 through August 2, 2021

Formal Comments Received: None

DES Responses: None